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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR            | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|---------------------------------|---------------------|------------------|
| 10/521,250      | 01/13/2005  | Anton Petrus Maria Van Arendonk | NL 020592           | 9014             |

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
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| EXAMINER            |  |
| NGUYEN, LUONG TRUNG |  |

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
| 2622     |              |

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/521,250

Applicant(s)

VAN ARENDONK ET AL.

Examiner

LUONG T. NGUYEN

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 January 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 01/13/05
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_

## **DETAILED ACTION**

### ***Priority***

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Claim Objections***

2. Claims 1-9 are objected to because of the following informalities:

Claim 1 (line 6), "the second" should be changed to --the second end--.

Claim 9 (line 3), "in any one of the claims" should be changed to --in claim--.

Claims 2-8 are objected as being dependent on claim 1.

Appropriate correction is required.

### ***Specification***

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

#### **Arrangement of the Specification**

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.

- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
  - (1) Field of the Invention.
  - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

3. The disclosure is objected to because of the following informalities:

The specification does not include section heading.

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 7, 10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 7 (line 2) recites the limitation "said" in "said main surface".

Claim 10 (line 7) recites the limitation "the" in "the optical means".

There is insufficient antecedent basis for this limitation in the claim.

*Claim Rejections - 35 USC § 102*

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamada et al. (US 2001/0050717).

Regarding claim 1, Yamada et al. discloses a camera module (CMOS camera 20, figures 2-6, [0041], [0042], [0066]) comprising a holder (lens unit 3, figures 2-6, [0041], [0042]) having a first end arranged for receiving incident light, a second end arranged for placing an image pickup module (image pick-up semiconductor 4, figures 2-6, [0041], [0042]) for picking up images, and a lens (lens 2, figures 2-6, [0041], [0042]) having an optical axis arranged for forming an image on the image pickup module, characterized in that the holder comprises aligning means (see figures 2-6) near the second thereof for aligning the image pickup module in a plane perpendicular to the optical axis of the lens.

Regarding claim 2, Yamada et al. discloses the aligning means provide at least one recess near the second end, which recess extends parallel to a plane perpendicular to the optical axis and which is arranged for receiving the image pickup module substantially without play in a direction perpendicular to the optical axis (see figures 2-6).

Regarding claim 3, Yamada et al. discloses the recess has an opening via which the image pickup module can be placed in the recess from a direction parallel to the optical axis (see figures 2-6).

Regarding claim 4, Yamada et al. the recess has a lateral opening via which the image pickup module can be placed in the recess from a direction parallel to the optical axis (see figures 2-6 ).

Regarding claim 5, Yamada et al. discloses the side wall is substantially rectangular in shape near the recess, seen in sectional view in a direction perpendicular to the optical axis (see figures 5A-5B).

Regarding claim 6, Yamada et al. discloses the image pickup module has a main surface oriented perpendicular to the optical axis and at least one lateral surface oriented substantially perpendicular to said main surface, the recess being configured to abut said lateral surface at least in part, substantially without play, after the image pickup module has been placed in the holder (see figures 2-6).

Regarding claim 7, Yamada et al. discloses said main surface comprises an edge on a side facing towards the lens, the recess being configured to abut said edge at least in part, substantially without play, after the image pickup module has been placed in the holder near said edge (see figures 2-6).

Regarding claim 8, Yamada et al. the image pickup module has a second main surface comprising a second edge on a side facing away from the lens, the recess being configured to abut said second edge at least in part, substantially without play, after the image pickup module has been placed in the holder near said second edge (see figures 2-6).

Regarding claim 9, Yamada et al. a camera system (figure 1, [0040]) comprising a camera module, characterized in that said camera module is the camera module as claimed in claim 1.

Regarding claim 10, see Examiner's comment regarding claim 1.

### ***Conclusion***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LUONG T. NGUYEN whose telephone number is (571) 272-7315. The examiner can normally be reached on 7:30AM - 5:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DAVID L. OMETZ can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LN  
01/21/08



**LUONG T. NGUYEN**  
**PATENT EXAMINER**